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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

Hirai, Mitsuharu

App. No

10/553,576

Filed

October 17, 2005

For

METHOD OF DETECTING OR

QUANTITATIVELY DETERMINING MITOCHONDRIAL DNA 3243

VARIATION, AND KIT THEREFOR

Examiner

Staples, Mark

Art Unit

1637

Conf#

4658

## AMENDMENT AFTER FINAL

## Mail Stop AF

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action sent April 29, 2008, Applicants respectfully request the Examiner to enter the following amendments and consider the following arguments.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 3 of this paper.